

The invention claimed is:

- 1 1. A method for communicating power control information for at least two
2 communication channels, comprising the steps of:
3 transmitting power control information for a first channel during a portion of a
4 first segment of a pilot channel, the first segment being one of a plurality of repeating
5 segments; and
6 transmitting power control information for a second channel during a
7 corresponding portion of a second segment of the pilot channel, the second segment
8 being one of the plurality of repeating segments.

1 2. The method of claim 1, further comprising the step of alternating between the
2 transmission of power control information for the first channel and the transmission of
3 power control information for the second channel.

1 2. The method of claim 1, further comprising the step of transmitting power
3 control information for a third channel during a corresponding portion of a third segment
of the pilot channel, the third segment being one of the plurality of repeating segments.

1 2. The method of claim 1, wherein power control information for the first channel
3 is transmitted more than once for each transmission of power control information for the
second channel.

1 5. The method of claim 1, wherein the first channel is a voice channel.

1 6. The method of claim 5, wherein the second channel is a data channel.

1 7. The method of claim 1, wherein the first channel is a data channel.

1 8. The method of claim 1, wherein the first channel is a video channel.